

1 WHAT IS CLAIMED IS:

2 1. A low profile depository cabinet-safe combination comprising:

3 a) a safe forming a hollow safe interior therein accessible  
4 through a lockable door;

5 b) a depository cabinet set atop and locked to said safe,  
6 forming an enclosed cabinet interior accessible through a pivotally  
7 mounted lockable door by inputting an unlocking combination  
8 therein;

9 c) an opening formed in said safe and an opening formed in  
10 said cabinet to place the respective interiors thereof in vertical  
11 communication with each other;

12 d) deposit handling means in said depository cabinet  
13 including:

14 i) a deposit plate moveable from inside said  
15 cabinet interior, with said cabinet door, to outside said  
16 cabinet when said cabinet door is fully opened, on  
17 which to place a deposit; and,

18 ii) a deposit actuator for moving with said  
19 cabinet door to move said deposit plate and the deposit  
20 placed upon it from outside said cabinet into said  
21 cabinet interior, as said door is being closed, and off  
22 said deposit plate, over said communications opening,  
23 to allow the deposit to fall down into said safe interior;  
24 and,

25 e) means for preventing said cabinet door from being reopened  
26 until another unlocking combination is inputted to unlock said cabinet  
27 front door.  
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1           2. The low profile depository cabinet-safe combination of Claim 1 wherein  
2 said lockable cabinet door includes an electric push-button-activated locking and  
3 unlocking mechanism that comprises a memory, to hold the accessible combination  
4 codes, a set of push buttons for inputting the codes, and an electronic processor to  
5 process the codes and actuate the door lock when a recognizable code is inputted  
6 therein.

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8           3. The low profile depository cabinet-safe combination of Claim 2 wherein  
9 said memory also includes a provision to record the date, time and access code of all  
10 entrances into said depository cabinet.

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12           4. The low profile depository cabinet-safe combination of Claim 1 further  
13 including anti-theft baffle means along the edges surrounding said openings formed  
14 in said depository cabinet and said safe to place their respective interiors in vertical  
15 communication with each other.

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17           5. The low profile depository cabinet-safe combination of Claim 1 wherein  
18 said deposit handling means further includes:

19               a) a deposit actuator front wall, a deposit actuator rear wall and  
20 a deposit actuator curved outside wall joined along their respective  
21 bordering edges to form a 3-dimensional pie-shaped figure no smaller  
22 than the size of said deposit plate, and a sleeve formed at the  
23 intersection of said front wall and said rear wall for pivotal mounting  
24 of said deposit actuator for moving with said cabinet door;

25               b) a slot formed in said deposit actuator front wall adapted to  
26 allow entrance of said deposit plate therein when said cabinet door is  
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1 closed and to allow exit of said deposit plate therefrom when said  
2 cabinet door is opened; and,

3 c) means for allowing said deposit actuator, with said deposit  
4 plate inside thereof, to rotate with said deposit actuator as said cabinet  
5 door is opened, until said deposit plate is fully outside said cabinet,  
6 and then to halt further pivotal movement of said deposit plate and  
7 allow said deposit actuator to continue to swing open with said cabinet  
8 door while holding said deposit actuator and allowing it to pass out  
9 through said slot in said deposit actuator front wall.  
10

11 6. The low profile depository cabinet-safe combination of Claim 1 wherein  
12 said deposit handling means further includes:

13 a) a deposit actuator front wall, a deposit actuator rear wall and  
14 a deposit actuator curved outside wall joined along their respective  
15 bordering edges to form a 3-dimensional pie-shaped figure of a size  
16 no smaller than the size of said deposit plate, and a sleeve formed at  
17 the intersection of said front wall and said rear wall for pivotal  
18 mounting of said deposit actuator for moving with said cabinet door;

19 b) a slot formed in said deposit actuator front wall adapted to  
20 allow entrance of said deposit plate therein when said cabinet door is  
21 closed and to allow exit of said deposit plate therefrom when said  
22 cabinet door is opened; and,

23 c) means for allowing said deposit actuator, with said deposit  
24 plate outside thereof, to rotate apart from said deposit actuator as said  
25 cabinet door is closed, until said deposit plate is fully inside said  
26 cabinet, and then allow said deposit actuator to continue to rotate  
27 inward toward said cabinet interior with said cabinet door, to force  
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1 said deposit plate in through said slot and begin to enter said deposit  
2 actuator and, simultaneously, push all deposits off said deposit plate  
3 and over said communication hole as said cabinet door is closing.  
4

5 7. The low profile depository cabinet-safe combination of Claim 5 wherein  
6 said deposit plate has a sinusoidal surface and said slot is formed with a similar  
7 sinusoidal opening to allow close passage over said surface.  
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9 8. The low profile depository cabinet-safe combination of Claim 6 wherein  
10 said deposit plate has a sinusoidal surface and said slot is formed with a similar  
11 sinusoidal opening to allow close passage over said surface.  
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13 9. The low profile depository cabinet-safe combination of Claim 1 wherein  
14 said safe door and said cabinet door are mounted on the same side of the  
15 combination.  
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17 10. The low profile depository cabinet-safe combination of Claim 1 wherein  
18 said safe door and said cabinet door are mounted on the same side of the  
19 combination and both said doors are mounted to swing through a horizontal arc.  
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21 11. The low profile depository cabinet-safe combination of Claim 1 further  
22 including at means for creating an electric curtain across said communications  
23 opening between said safe and said cabinet and receptors to determine when said  
24 curtain has been penetrated by passage of an item dropped from said cabinet interior  
25 down into said safe interior.  
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1           12. The low profile depository cabinet-safe combination of Claim 1 further  
2 including means for deterring removal of said pivotally-mounted cabinet door said  
3 means comprising:

4           a) a locking bar slidingly mounted on said deposit actuator  
5 front wall in a pair of spaced-apart support flanges, said locking bar of  
6 a length sufficient to be extended to and placed in contact with the  
7 inside surface of said cabinet side wall on the side thereof on which  
8 said door hinge is mounted; and,

9           b) means for locking said locking bar against an inside cabinet  
10 wall so that said door will jam when said hinges are severed and said  
11 cabinet is attempted to be removed by the severed hinge side first.  
12

13           13. The low profile depository cabinet-safe combination of Claim 1 further  
14 including an outside rim, formed on said cabinet door, that fits into an inset formed  
15 about the cabinet opening in which said cabinet door is pivotally mounted to  
16 discourage the practice of slipping or inserting a "fish" wire in between the edges of  
17 said door and said cabinet opening in order to unlawfully penetrate said cabinet.  
18

19           14. A depository cabinet comprising a top cabinet wall, a plurality of  
20 downwardly descending cabinet side walls terminated by a bottom wall forming an  
21 enclosed cabinet interior accessible through a pivotally mounted lockable door  
22 formed over an opening in a contiguous front wall, said door openable by inputting  
23 an unlocking combination therein, said cabinet further comprising:

24           a) an opening formed in said cabinet bottom wall; and,

25           b) deposit handling means in said depository cabinet  
26 including:  
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1 i) a deposit plate moveable from inside said cabinet interior,  
2 with said cabinet door, to outside said cabinet, when said cabinet door  
3 is fully opened, on which to place a deposit; and,

4 ii) a deposit actuator for moving with said  
5 cabinet door to move said deposit plate and the deposit  
6 placed thereupon from outside said cabinet into said  
7 cabinet interior, as said door is being closed, and off  
8 said deposit plate, over said opening, when said door is  
9 being fully closed, to allow the deposit to fall down  
10 through said opening; and,

11 e) means for preventing said cabinet door from being reopened  
12 until another unlocking combination is inputted to unlock said cabinet  
13 front door.  
14

15 15. The low profile depository cabinet-safe combination of Claim 14  
16 wherein said lockable cabinet door includes an electric push-button-activated  
17 locking and unlocking mechanism that comprises a memory, to hold the accessible  
18 combination codes, a set of push buttons for inputting the codes, and an electronic  
19 processor to process the codes and actuate the door lock when a recognizable code is  
20 inputted therein.  
21

22 16. The low profile depository cabinet-safe combination of Claim 15  
23 wherein said memory also includes a provision to record the date, time and access  
24 code of all entrances into said depository cabinet.  
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26 17. The low profile depository cabinet-safe combination of Claim 14 further  
27 including anti-theft baffle means along the edges surrounding said openings formed  
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1 in said depository cabinet and said safe to place their respective interiors in vertical  
2 communication with each other.

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4 18. The low profile depository cabinet-safe combination of Claim 14  
5 wherein said deposit handling means further includes:

6 a) a deposit actuator front wall, a deposit actuator rear wall and  
7 a deposit actuator curved outside wall joined along their respective  
8 bordering edges to form a 3-dimensional pie-shaped figure no smaller  
9 than the size of said deposit plate, and a sleeve formed at the  
10 intersection of said front wall and said rear wall for pivotal mounting  
11 of said deposit actuator for moving with said cabinet door;

12 b) a slot formed in said deposit actuator front wall adapted to  
13 allow entrance of said deposit plate therein when said cabinet door is  
14 closed and to allow exit of said deposit plate therefrom when said  
15 cabinet door is opened; and,

16 c) means for allowing said deposit actuator, with said deposit  
17 plate inside thereof, to rotate with said deposit actuator as said cabinet  
18 door is opened, until said deposit plate is fully outside said cabinet,  
19 and then to halt further pivotal movement of said deposit plate and  
20 allow said deposit actuator to continue to swing open with said cabinet  
21 door while holding said deposit actuator and allowing it to pass out  
22 through said slot in said deposit actuator front wall.

23  
24 19. The low profile depository cabinet-safe combination of Claim 14  
25 wherein said deposit handling means further includes:

26 a) a deposit actuator front wall, a deposit actuator rear wall and  
27 a deposit actuator curved outside wall joined along their respective  
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1       bordering edges to form a 3-dimensional pie-shaped figure of a size  
2       no smaller than the size of said deposit plate, and a sleeve formed at  
3       the intersection of said front wall and said rear wall for pivotal  
4       mounting of said deposit actuator for moving with said cabinet door;

5               b) a slot formed in said deposit actuator front wall adapted to  
6       allow entrance of said deposit plate therein when said cabinet door is  
7       closed and to allow exit of said deposit plate therefrom when said  
8       cabinet door is opened; and,

9               c) means for allowing said deposit actuator, with said deposit  
10      plate outside thereof, to rotate apart from said deposit actuator as said  
11      cabinet door is closed, until said deposit plate is fully inside said  
12      cabinet, and then allow said deposit actuator to continue to rotate  
13      inward toward said cabinet interior with said cabinet door, to force  
14      said deposit plate in through said slot and begin to enter said deposit  
15      actuator and, simultaneously, push all deposits off said deposit plate  
16      and over said communication hole as said cabinet door is closing.

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18       20. The low profile depository cabinet-safe combination of Claim 19  
19      wherein said deposit plate has a sinusoidal surface and said slot is formed with a  
20      similar sinusoidal opening to allow close passage over said surface.

21  
22       21. The low profile depository cabinet-safe combination of Claim 20  
23      wherein said deposit plate has a sinusoidal surface and said slot is formed with a  
24      similar sinusoidal opening to allow close passage over said surface.

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26       22. The low profile depository cabinet-safe combination of Claim 14 further  
27      including at means for creating an electric curtain across said cabinet bottom wall  
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1 opening to determine when said curtain has been penetrated by passage of an item  
2 dropped from said cabinet interior.

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4 23. The low profile depository cabinet-safe combination of Claim 14 further  
5 including means for deterring removal of said pivotally-mounted cabinet door said  
6 means comprising:

7 a) a locking bar slidably mounted on said deposit actuator  
8 front wall in a pair of spaced-apart support flanges, said locking bar of  
9 a length sufficient to be extended to and placed in contact with the  
10 inside surface of said cabinet side wall on the side thereof on which  
11 said door hinge is mounted; and,

12 b) means for locking said locking bar against an inside cabinet  
13 wall so that said door will jam when said hinges are severed and said  
14 cabinet is attempted to be removed by the severed hinge side first.

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16 24. The low profile depository cabinet-safe combination of Claim 14 further  
17 including an outside rim, formed on said cabinet door, that fits into an inset formed  
18 about the cabinet opening in which said cabinet door is pivotally mounted to  
19 discourage the practice of slipping or inserting a "fish" wire in between the edges of  
20 said door and said cabinet opening in order to unlawfully penetrate said cabinet.